Index of Claims

| Δn | nlic | atio | 100  | ntral | NIA |
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| ×μ | hiir | auv: | 1,00 | ııuvı | NO. |

10/623,370

Examiner

Joseph D. Anthony

Applicant(s)/Patent under Reexamination

**TUCKER** 

Art Unit

1714

|   | R | Rejected |
|---|---|----------|
| Ì | 1 | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|              |          |          |  |          |          |            |              |                 |          |          |          |                 |          |          |          |         |         |  |          |          |            | _  |  |           |          |          |          | _        |          |   |
|--------------|----------|----------|--|----------|----------|------------|--------------|-----------------|----------|----------|----------|-----------------|----------|----------|----------|---------|---------|--|----------|----------|------------|--|--|-----------|----------|----------|----------|----------|----------|---|
| Cla          | aim      | Date     |  |          |          |            | Claim Date   |                 |          |          |          |                 |          |          |          | Cl      | aim     |  | Date     |          |            |  |  |           |          |          |          |          |          |   |
| Final        | Original | 90/2/6   |  |          |          |            |              |                 |          | Final    | Original |                 |          |          |          |         |         |  |          | Final    | Original   |  |  |           |          |          |          |          |          |   |
| _            | 1        | R        |  |          | $\vdash$ | Т          | <u> </u>     | _               | ᅱ        |          | 51       | П               | $\dashv$ | 十        | 7        | ┪       | †       |  | Ħ        |          | 101        | 1  |  | 7         |          |          |          | $\dashv$ | _        | _ |
|              | 2        | R        |  |          | t        |            | t            |                 | T        |          | 52       | $\Box$          | 1        | 寸        | $\top$   | $\top$  |         | Т  | $\Box$   |          | 102        | Г  |  | $\dashv$  | 一        |          | $\neg$   | 一        |          | _ |
|              | 3        | R        |  |          |          |            |              |                 |          |          | 53       |                 |          |          |          |         |         |  |          |          | 103        |  |  |           |          |          |          |          |          | _ |
|              | 4        | R        |  |          |          |            |              |                 |          |          | 54       |                 |          |          |          |         |         |  |          |          | 104        |  |  |           |          |          |          |          |          |   |
|              | 5        | R        |  |          |          |            |              |                 |          |          | 55       |                 |          |          |          |         |         |  |          |          | 105        |  |  |           |          |          |          | $\Box$   |          |   |
|              | 6        | R        |  |          |          |            |              |                 | _        |          | 56       |                 | _        | $\perp$  | $\perp$  | 1       |         | <u> </u>   | Ш        |          | 106        | <u> </u>   | $\sqcup$                               | $\perp$   | _        |          | _        | _        | _        |   |
| ļ            | 7        | R        |  | ┺        | <u> </u> | <u> </u>   |              | Ш               | _        |          | 57       |                 |          | _        | _ -      | _       | 4       | ļ  | Ш        |          | 107        | <u> </u>   | $\sqcup$                               | 4         | _        |          | _        | _        | _        |   |
| ļ            | 8        | R        |  | ↓        | ╄        | ļ          | <u> </u>     | Ш               | _        |          | 58       |                 |          | -        | 4        | 4       | _       | -  | Ш        |          | 108        | <u> </u>   | $\vdash$                               | 4         |          |          | _        | 4        | _        |   |
|              | 9        | R        | _  | ╁        | ┼        | -          | $\vdash$     | $\vdash$        | _        |          | 59       | Н               | $\dashv$ | $\dashv$ | +        | +       |         | <del> </del>                                     | +        | <u> </u> | 109        | Ͱ  | $\vdash \vdash$                        | 4         | -        | $\dashv$ | _        | $\dashv$ | $\dashv$ |   |
|              | 10       | R        |  | ╀        | ╁        | -          | ⊢            | $\vdash$        | -        |          | 60       | $\vdash$        | $\dashv$ | $\dashv$ | +        | +       | +-      | +  | H        |          | 110        | ├  | ├─├                                    | +         | -        | $\dashv$ |          | $\dashv$ |          |   |
| -            | 11<br>12 | R        | -  | +-       | +-       | ╁          | $\vdash$     | $\vdash \vdash$ | $\dashv$ | -        | 61<br>62 | $\vdash \vdash$ | $\dashv$ | +        | $\dashv$ | +       | +-      | ╁  | H        | -        | 111<br>112 | ┢  | $\vdash \vdash$                        | +         | -        | $\dashv$ |          | $\dashv$ | $\dashv$ | _ |
| <del></del>  | 13       | -        | <del>                                     </del> | ╁        | +-       | $\vdash$   | $\vdash$     | $\vdash$        | $\dashv$ | -        | 63       | $\vdash$        | $\dashv$ | $\dashv$ | +        | +       | +       | ╁  | H        | -        | 113        | ├  | $\vdash$                               | $\dashv$  | -        | $\dashv$ | $\dashv$ | +        | +        | _ |
| $\vdash$     | 14       | $\vdash$ | $\vdash$   | +        | +        | +          | $\vdash$     | $\vdash \vdash$ | $\dashv$ |          | 64       | $\vdash$        | $\dashv$ | $\dashv$ | +        | +       | +       | +  | H        | -        | 114        | $\vdash$   | $\vdash$                               | +         | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | _ |
| $\vdash$     | 15       | T        | +  | +        | 1        | t          |              | H               | $\dashv$ |          | 65       | $\vdash$        | -        | $\dashv$ | +        | +       | +       | +-   | H        | -        | 115        | $\vdash$   | +                                      | 7         | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$ |   |
|              | 16       | t        | $\vdash$   | +        | t        | t          | l            | H               | $\dashv$ |          | 66       | H               |          | 1        | $\dashv$ | +       | +       | †-   | H        |          | 116        | $\vdash$   | $\vdash$                               | 7         | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          | _ |
|              | 17       | R        |  | 1        | $\vdash$ | $\top$     | T            | П               | _        |          | 67       |                 |          |          | 十        | $\top$  | +       | <del>                                     </del> | П        |          | 117        |  |  | $\exists$ | $\neg$   |          | $\neg$   | $\dashv$ | $\neg$   | _ |
|              | 18       | R        |  | T        | İ        |            | T            | П               |          |          | 68       | П               |          | Ť        | T        | $\top$  | Ť       | T  | П        |          | 118        | _  |  |           | 寸        | ᄀ        | ヿ        | 寸        | 寸        | _ |
|              | 19       | R        |  | Т        | İ        | 1          |              | П               |          |          | 69       |                 |          | T        | T        | $\top$  | 1       | T  |          |          | 119        | Т  |  |           | ヿ        | ヿ        | $\neg$   | ヿ        | $\neg$   | _ |
|              | 20       | R        |  | Τ        | Ì        |            |              |                 |          |          | 70       | П               |          | Ì        | 1        |         |         | Τ  |          |          | 120        |  |  |           | 丁        |          |          | コ        | $\neg$   |   |
|              | 21       | R        |  |          |          |            |              |                 |          |          | 71       |                 |          |          |          |         |         |  |          |          | 121        |  |  |           |          |          |          |          |          |   |
|              | 22       |          |  |          |          |            |              |                 |          |          | 72       |                 |          |          |          |         |         |  |          |          | 122        |  |  |           |          |          |          |          |          |   |
|              | 28       | <u></u>  |  | ⊥_       |          | <u> </u>   | ļ            | Ш               |          |          | 73       | Ш               |          |          |          |         |         |  |          |          | 123        |  |  |           |          |          |          | $\Box$   | $\Box$   |   |
|              | 2        | _        | $oxed{oxed}$                                     | 丄        |          | _          | <u> </u>     | Щ               | _        | <u> </u> | 74       | Ш               |          |          | _        | $\bot$  |         | Ļ  | Ш        |          | 124        | L  | Ц.                                     |           |          |          |          | _        |          |   |
| ļ            | 25       | _        |  | _        | <u> </u> | <u> </u>   |              | Ш               | _        | <u> </u> | 75       | Ш               | _        | 4        | 4        | _       |         | ┺  | Ш        | <u> </u> | 125        | _  | $\sqcup$                               | _         |          | _        |          | _        | _        | _ |
|              | 26       | R        |  | ╄        | ╄        | <b> </b> - | ļ            | $\sqcup$        | _        | -        | 76       | $\vdash$        | _        | 4        | -        | -       | +       | 1  | Ш        |          | 126        | <u> </u>   | $\vdash \vdash$                        | _         | _        |          | $\dashv$ | $\dashv$ | _        |   |
|              | 27       | R        | $\vdash$   | ╄        | ┢        | ╄          |              | $\vdash$        |          | -        | 77       | Н               | $\dashv$ | $\dashv$ | -        | -       |         | ┼-   | H        |          | 127        | <u> </u>   | $\vdash$                               | 4         |          |          |          | $\dashv$ |          |   |
|              | 28       | R        | -  | -        | $\vdash$ | $\vdash$   |              | Н               | -        | -        | 78<br>79 | $\vdash$        | $\dashv$ | -+       |          | +       |         | +  | $\vdash$ | -        | 128<br>129 | ╀  | ┞─┼                                    | -         | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |   |
| <del> </del> | 30       | R        | +  | +        | $\vdash$ | $\vdash$   | $\vdash$     | $\dashv$        | $\dashv$ | -        | 80       | Н               | $\dashv$ | -        | +        | +       | ╁       | +-   | ╁┼┤      | -        | 130        | <del>                                     </del> | $\vdash$                               | $\dashv$  |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |   |
| <b> </b> -   | 31       | R        | +  | +        | ╁        | ╁          |              | $\dashv$        |          | -        | 81       | <del> </del>    | -        |          | +        | +       | ╁       | +-   | $\vdash$ | -        | 131        | <del>                                     </del> | ┝─┼                                    | $\dashv$  | →        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |   |
| _            | 32       | ·`       |  | +-       | $\vdash$ | +-         |              | H               | -        |          | 82       | H               | 十        | $\dashv$ | $\dashv$ | +       | +-      | +  | $\vdash$ |          | 132        | $\vdash$   | -                                      | -         |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | _ |
|              | 3B       |          | $\dashv$   | ┢        | +-       | -          |              | _               | $\dashv$ |          | 83       | H               | $\dashv$ | $\dashv$ | $\top$   | +       | +       | $\vdash$   | H        | -        | 133        | ┢  | $\vdash$                               | $\dashv$  | _        | $\dashv$ | $\neg$   | 十        |          | _ |
|              | 34       | R        |  | †        |          | $\vdash$   |              | $\vdash$        | $\dashv$ |          | 84       | H               | $\dashv$ | $\dashv$ | +        | 十       | 1       | T  | $\Box$   |          | 134        | m  | $\vdash$                               | $\dashv$  | $\dashv$ |          |          | $\dashv$ | ᅥ        | _ |
|              | 35       | R        |  | L        |          |            |              | П               | $\neg$   |          | 85       | $\Box$          | $\dashv$ |          | $\top$   | $\top$  | T       | T  | П        |          | 135        | Π  | $\sqcap$                               | 7         | ╗        | $\neg$   |          | 一        | T        |   |
|              | 36       |          |  |          | L        |            |              |                 |          |          | 86       |                 |          | _        |          | 丁       | T       | 1  |          |          | 136        | Г  |  |           | T        |          |          | $\dashv$ | ┪        |   |
|              | 37       | R        |  |          |          |            |              |                 |          |          | 87       |                 | 丁        |          | I        |         | Ι       |  |          |          | 137        | L  |  | J         |          |          |          | 丁        |          |   |
|              | 38       | R        |  |          | 1        |            |              |                 |          |          | 88       |                 | 工        | $\Box$   | $\Box$   |         |         |  |          |          | 138        |  |  |           |          |          |          |          |          |   |
|              | 39       | R        |  | _        | <u> </u> | <u> </u>   | $oxed{oxed}$ | $\sqcup$        | _        |          | 89       | Ш               | _        | _        |          |         |         | <u> </u>   | Ш        | L        | 139        | <u> </u>   | Ш                                      | $\perp$   | $\perp$  | _]       | $\Box$   | $\Box$   | _[       |   |
|              | 40       | R        |  | ↓_       | ↓        | ┞_         | _            | $\sqcup$        | _        |          | 90       |                 | _        |          | _        | $\perp$ | $\perp$ |  | Щ        |          | 140        |  | $\sqcup$                               | $\perp$   | _        | _        |          | _        | _        |   |
|              | 41       | R        | -  |          | 1        | ــــ       | _            | $\square$       | _        | <b> </b> | 91       | Щ               |          | 4        | _        | $\bot$  | $\bot$  | _  | Ш        |          | 141        | <u> </u>   | $\sqcup$                               | 4         | _        | _        | _        |          | _        |   |
|              |          | R        | -  | $\vdash$ | $\vdash$ | ├—         | <u> </u>     | $\vdash \vdash$ | $\dashv$ | <u> </u> | 92       |                 | 4        | 4        | +        | 4       | 4-      | ↓_   | $\sqcup$ | L        | 142        | <u> </u>   | $\vdash \vdash$                        | _         | _        |          |          | $\dashv$ | _        | _ |
|              | 43<br>44 | -        | $\vdash$   | $\vdash$ | ┼        | -          | -            | $\vdash$        | $\dashv$ |          | 93<br>94 | dash            | $\dashv$ | +        |          | +       | +       | -  | Н        | -        | 143        | $\vdash$   | $\vdash \vdash$                        | 4         | _        | -        |          | $\dashv$ | -        |   |
|              | 45       | -        | $\vdash$   | +        | $\vdash$ | +-         | -            | $\dashv$        | $\dashv$ | -        | 95       | $\vdash \vdash$ | $\dashv$ | $\dashv$ | +        | +       | +       | ╀  | H        |          | 144<br>145 |  | $\vdash$                               | $\dashv$  | $\dashv$ | $\dashv$ |          | $\dashv$ | -        |   |
|              | 46       | -        | $\vdash$   | $\vdash$ | +-       | ╁          | $\vdash$     | $\vdash$        | $\dashv$ | $\vdash$ | 96       | $\vdash$        | $\dashv$ | $\dashv$ | +        | +       | +-      | ╁  | H        | _        | 145        | $\vdash$   | $\vdash \vdash$                        | $\dashv$  | $\dashv$ | -        | {        | $\dashv$ | $\dashv$ |   |
|              | 47       | -        | +  | ╁        | $\vdash$ | $\vdash$   | Н            | $\dashv$        | $\dashv$ | -        | 97       | $\vdash$        | $\dashv$ | $\dashv$ | +        | +       | +       | ╁  | $\vdash$ | _        | 147        | $\vdash$   | $\vdash$                               | $\dashv$  | $\dashv$ | _        | $\dashv$ | $\dashv$ | $\dashv$ |   |
|              | 48       | $\vdash$ | $\dashv$   | +        | +-       | _          | $\vdash$     | $\vdash$        | $\dashv$ |          | 98       | $\vdash \vdash$ | $\dashv$ | +        | +        | +       | +       | +  | $\vdash$ | -        | 148        | $\vdash$   | $\vdash \vdash$                        | +         | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | _ |
|              | 49       | Н        | +  |          | T        | ╁          | $\vdash$     |                 | $\dashv$ |          | 99       | $\vdash$        | $\dashv$ | $\dashv$ | 十        | +       | +       | ╁╌   | H        |          | 149        | $\vdash$   | $\vdash$                               | +         | $\dashv$ | -        | $\dashv$ | $\dashv$ | +        | _ |
|              | 50       |          | $\dashv$   | T        | T        | T          | Н            | $\vdash$        |          |          | 100      | H               | 十        | $\dashv$ | +        | +       | +       | †-   | H        | -        | 150        |  | $\vdash$                               | +         | -        |          | $\dashv$ | -+       | ┪        |   |
|              |          | نــــا   |  | •        | _        |            |              |                 | _        |          |          |                 |          |          |          |         |         | Ц.   | ш        | Щ.       |            |  | ــــــــــــــــــــــــــــــــــــــ | _1        | 1        |          | !        |          |          |   |